

## **ABSTRACT**

A commutator comprising a first and a second plate arranged to move relative to one another is provided. One of the plates comprises at least one input port arranged to allow a fluid to enter the commutator and one of the plates comprises at least one output port arranged to allow a fluid to exit the commutator. At least one of the plates comprises at least one connector, which is capable of connecting at least one input port to at least one output port. The plates are arranged such that the plates move relative to one another and the connector periodically connects the input port to the output port.